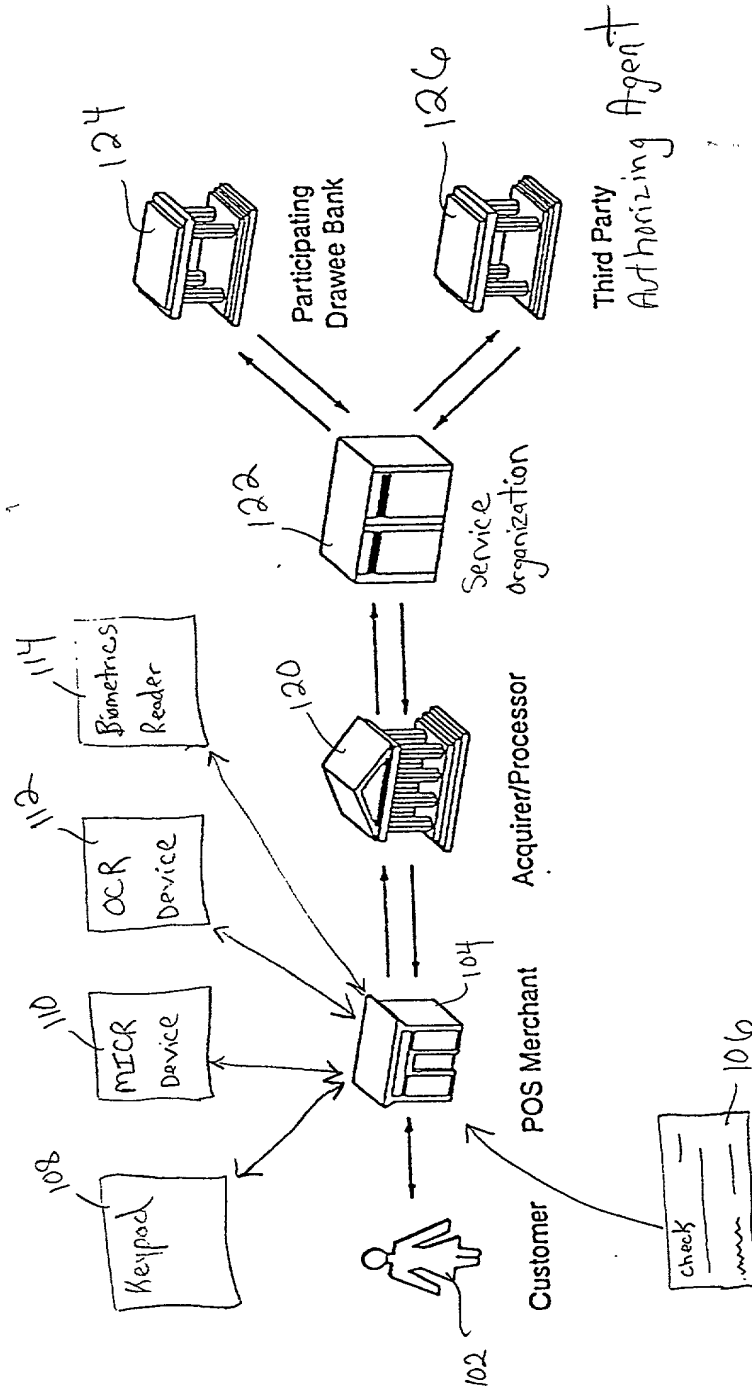


FIG. 1

POS Checks Service Authorization and Clearing System

100



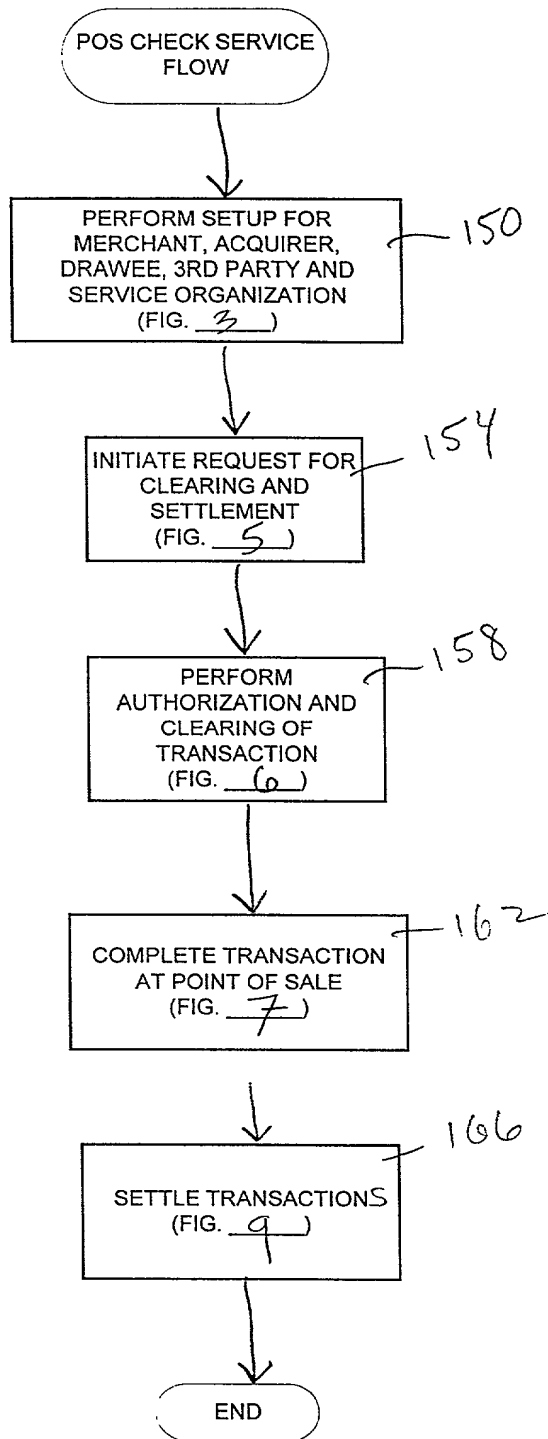


FIG. 2

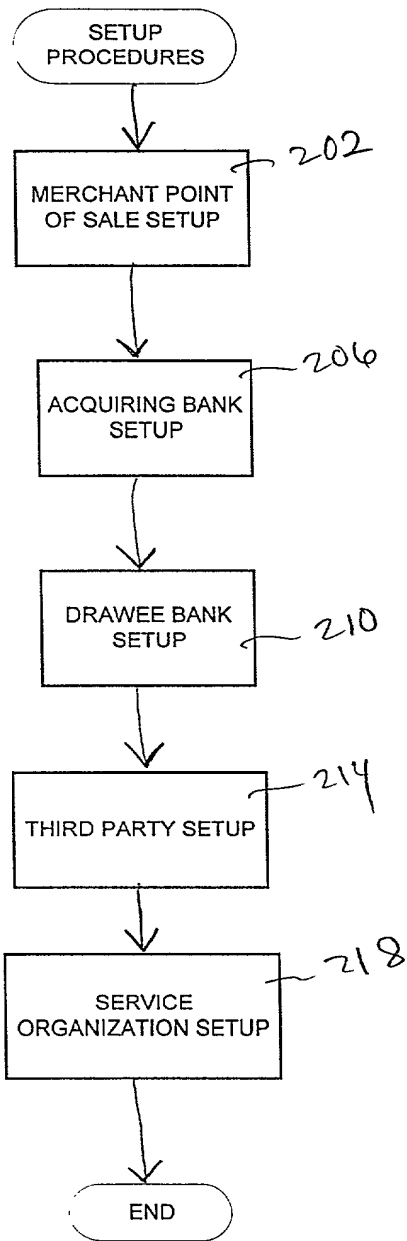
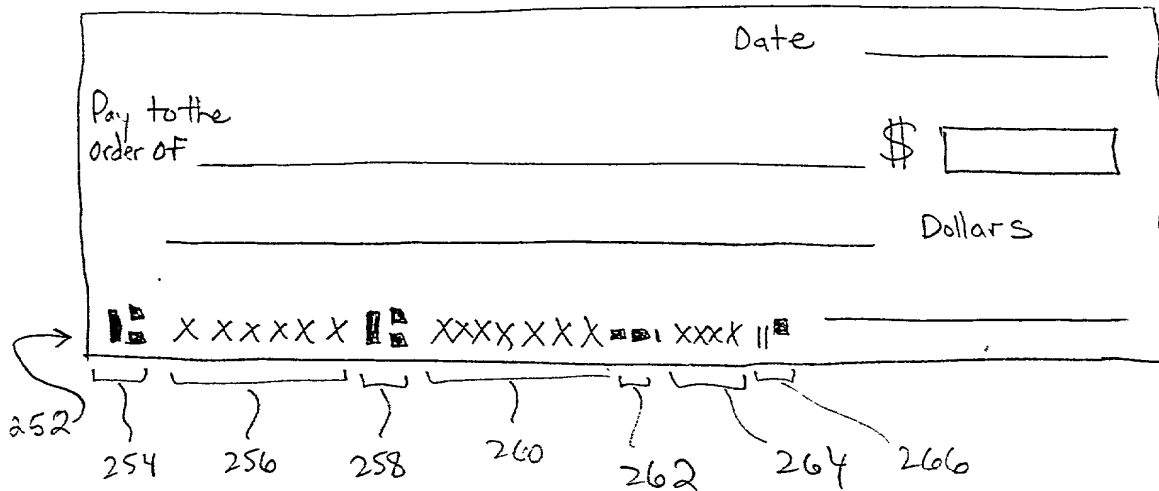


FIG. 3



↑
106

FIG. 4

FIG. 5

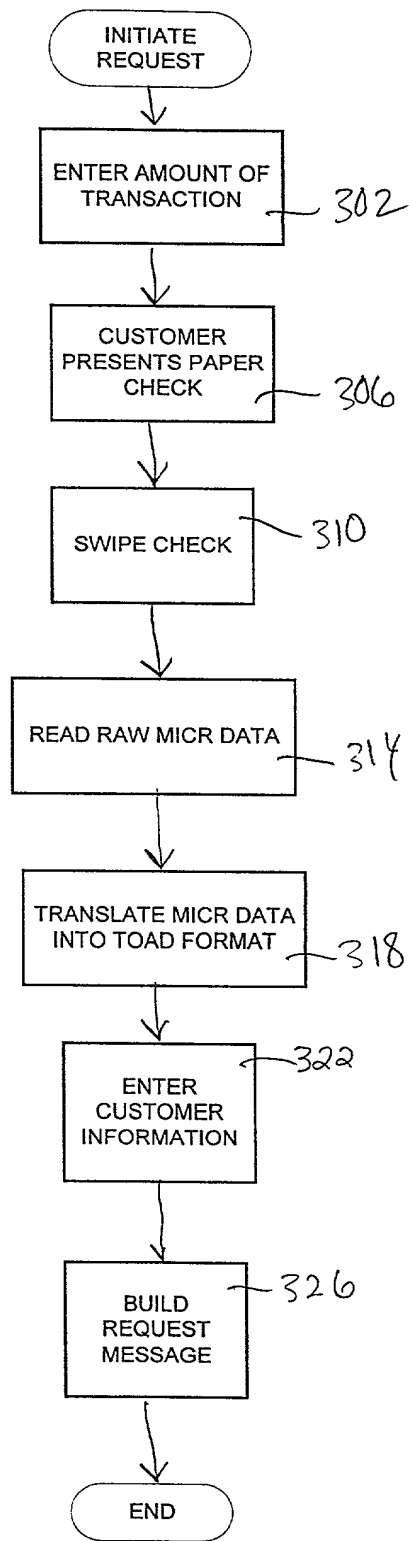


FIG. 6A

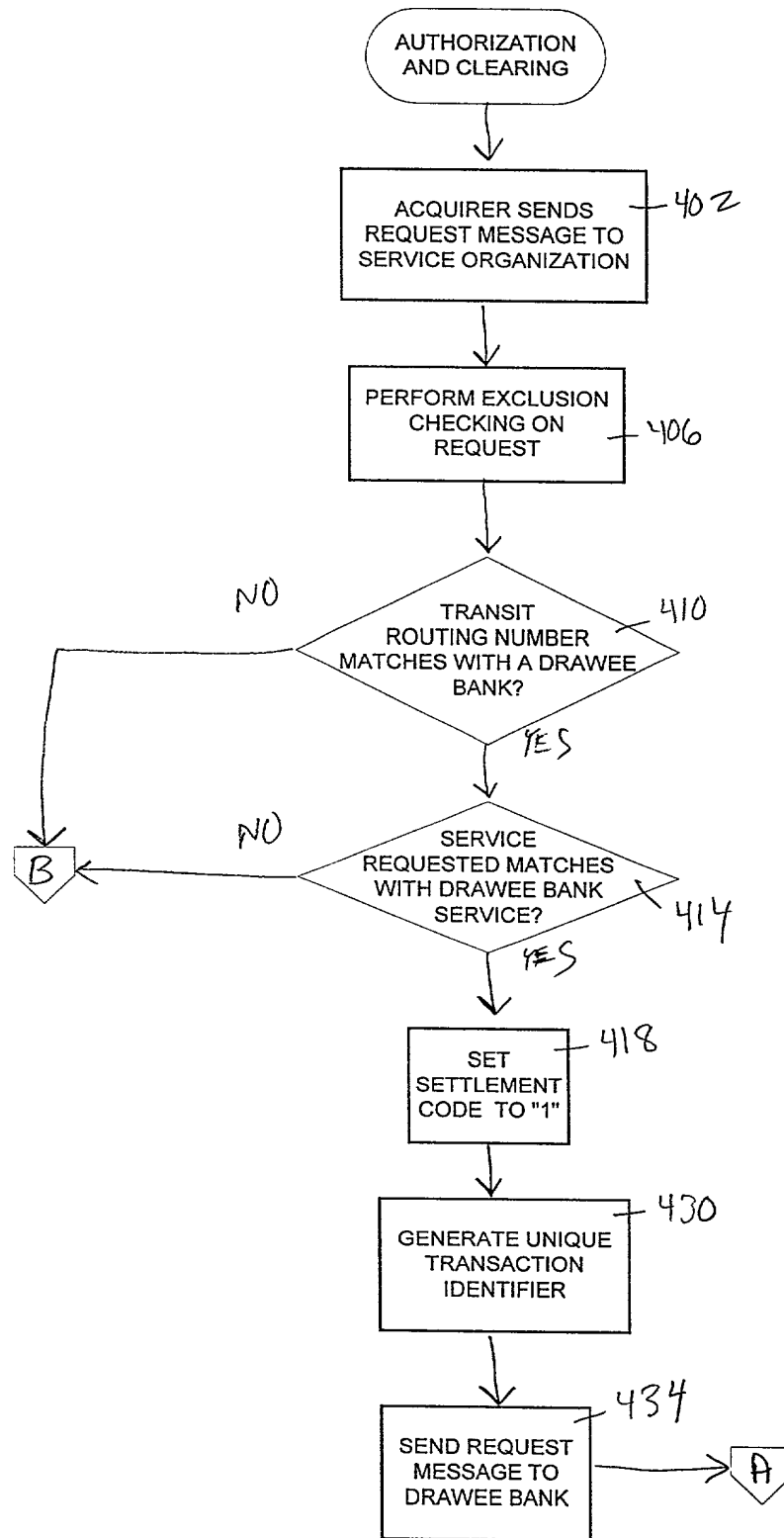


FIG. 6B

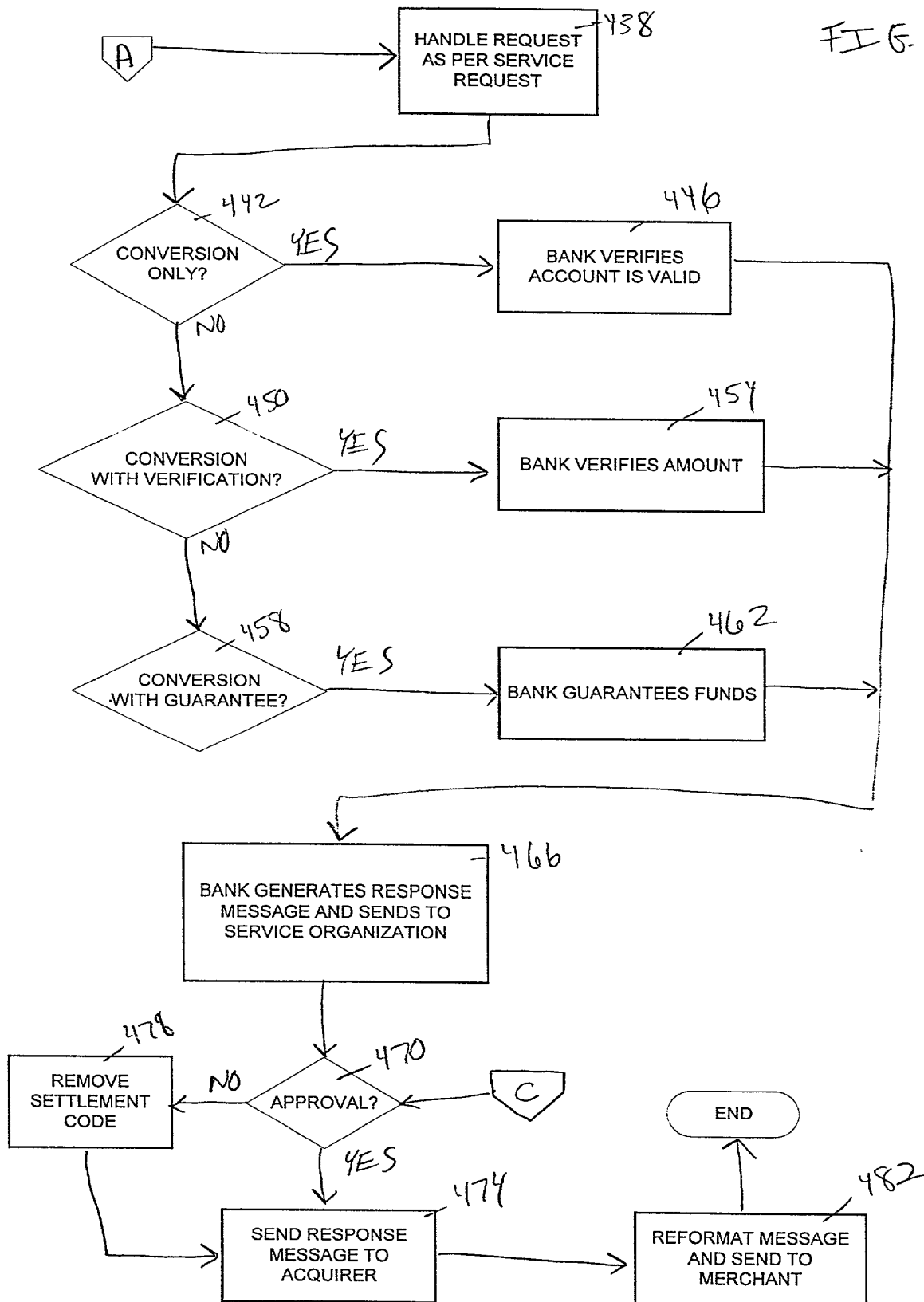


FIG. 6C

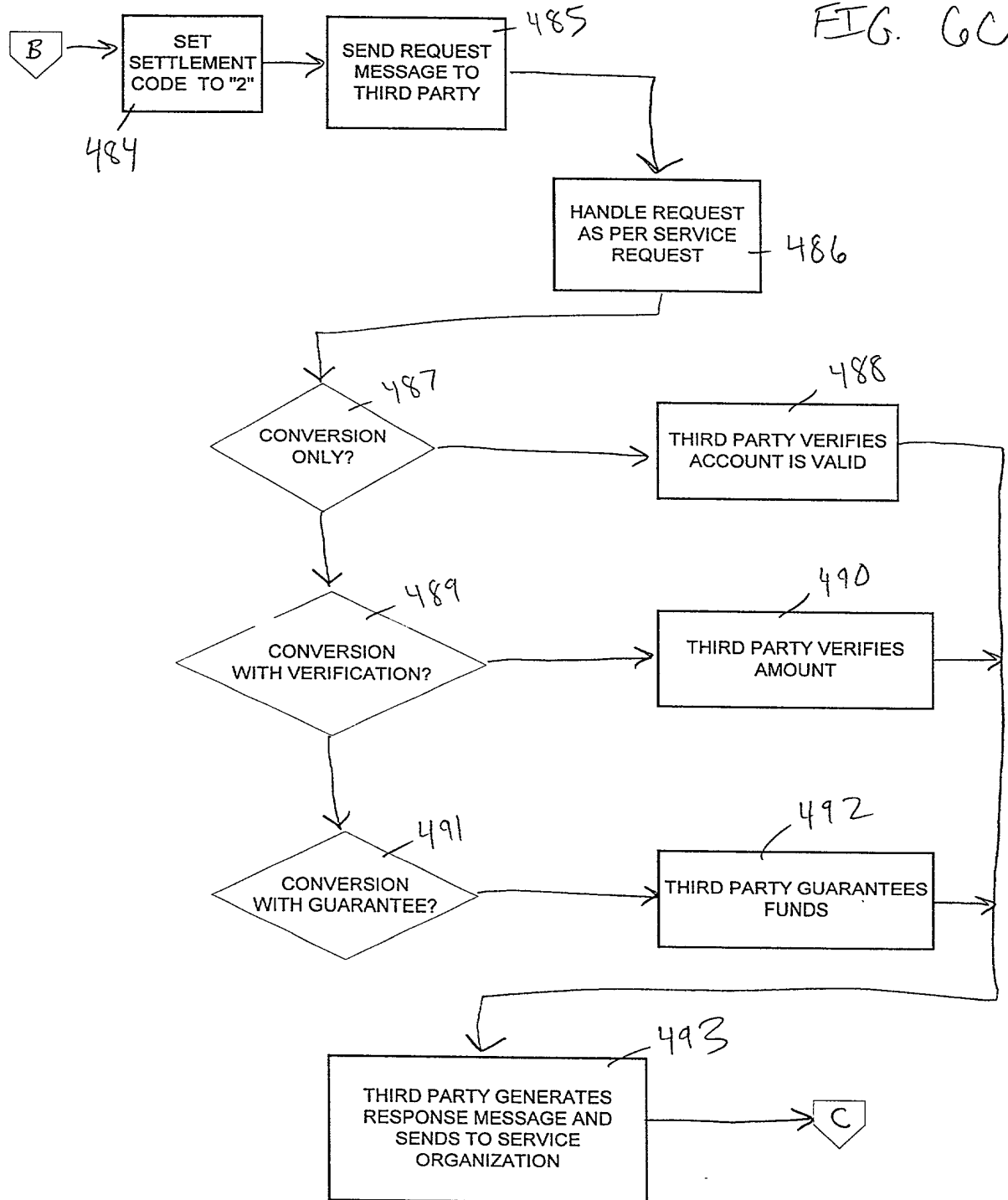
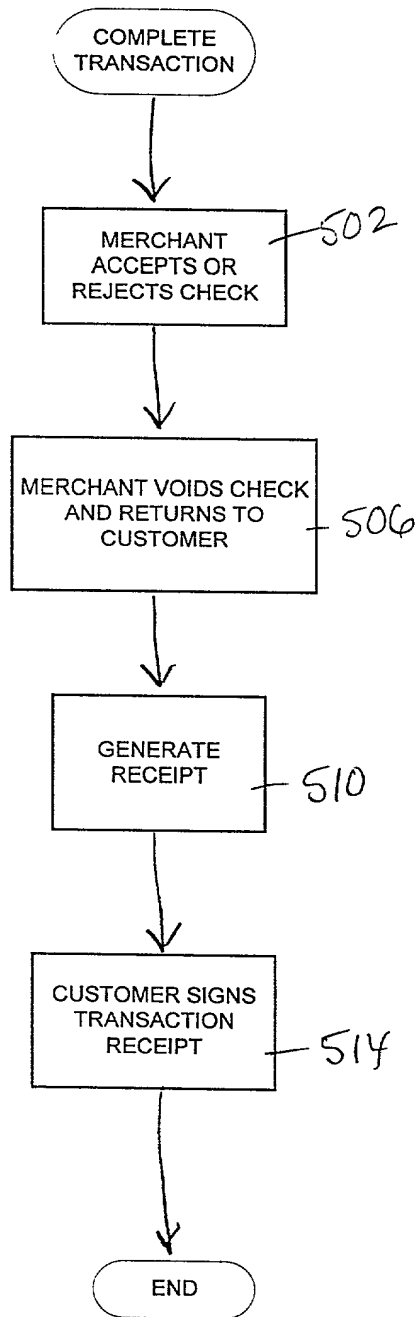


FIG. 7



Receipt Example

Merchant Name
Merchant Address
Merchant Phone
Date: 04/04/00
Time 11:56
Lane #99
Cashier #7777
AMOUNT OF TRANSACTION: \$82.35
AMOUNT OF SALE: \$62.35
CASHBACK: \$20.00
Routing # 122101191
Account # XXXXXX4587
Check # 1234
Customer's Bank: (optional)
Auth: 203500 Ref# 001002 (optional)
AUTHORIZATION AGREEMENT:
I authorize the merchant to use the information from my check to initiate an Electronic Fund Transfer (EFT) or a paper draft to debit my bank account for the amount of the transaction. I acknowledge and agree that the merchant-initiated EFT is not a check transaction, and is governed by applicable EFT law. In the event that the EFT or draft is returned unpaid, I understand and agree that the merchant may charge a return fee to my bank account.
X _____
Authorization Signature
Customer Service Number
Top Copy -- Merchant
Bottom Copy -- Customer

FIG. 8

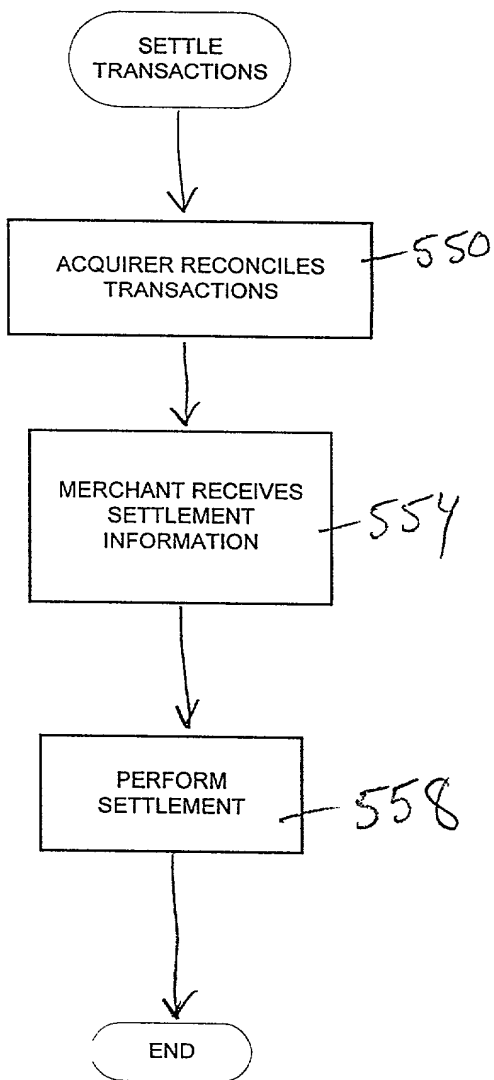
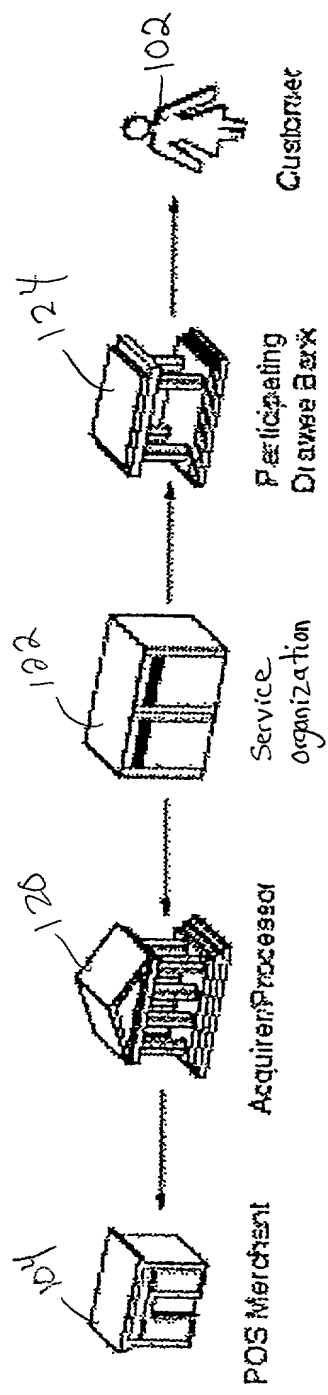


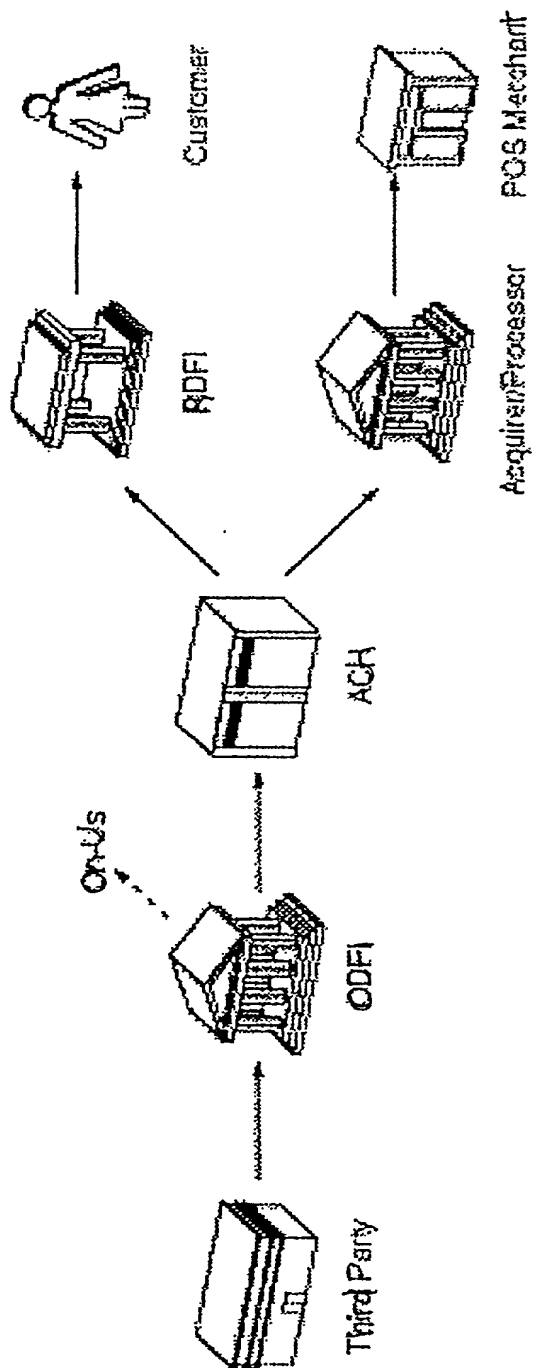
FIG. 9

FIG. 10 is a block diagram of a system for processing a payment transaction.



Participating Bank Settlement

FIG. 10



Third Party Settlement

FIG. 11

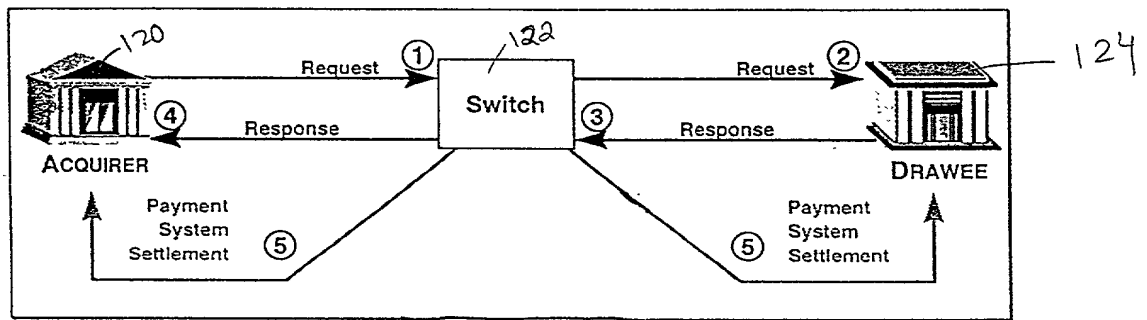
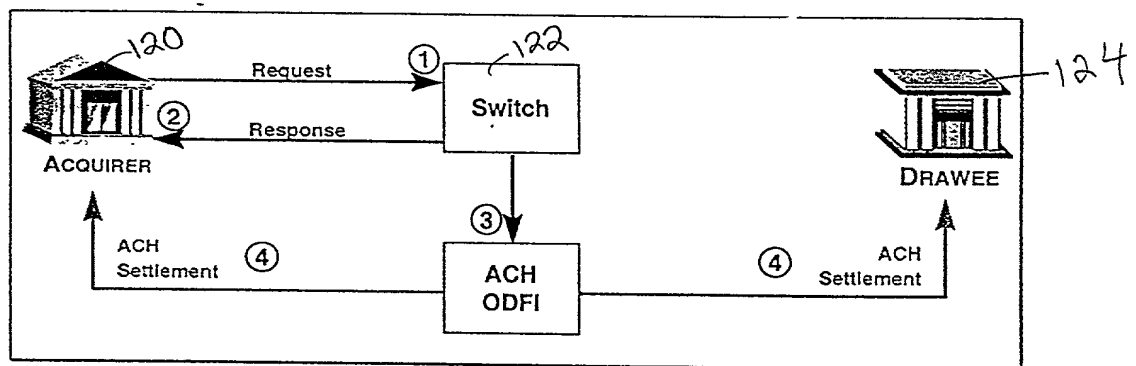


FIG. 12
Participating Drawee Bank Flow

FIG. 13

Non-participating Drawee Bank Flow



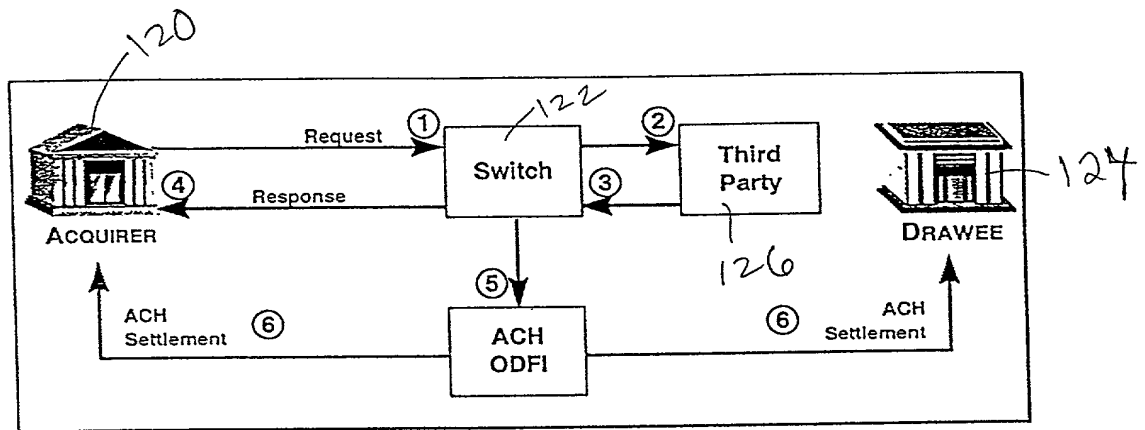


FIG. 14

Non-participating Drawee Bank Flow

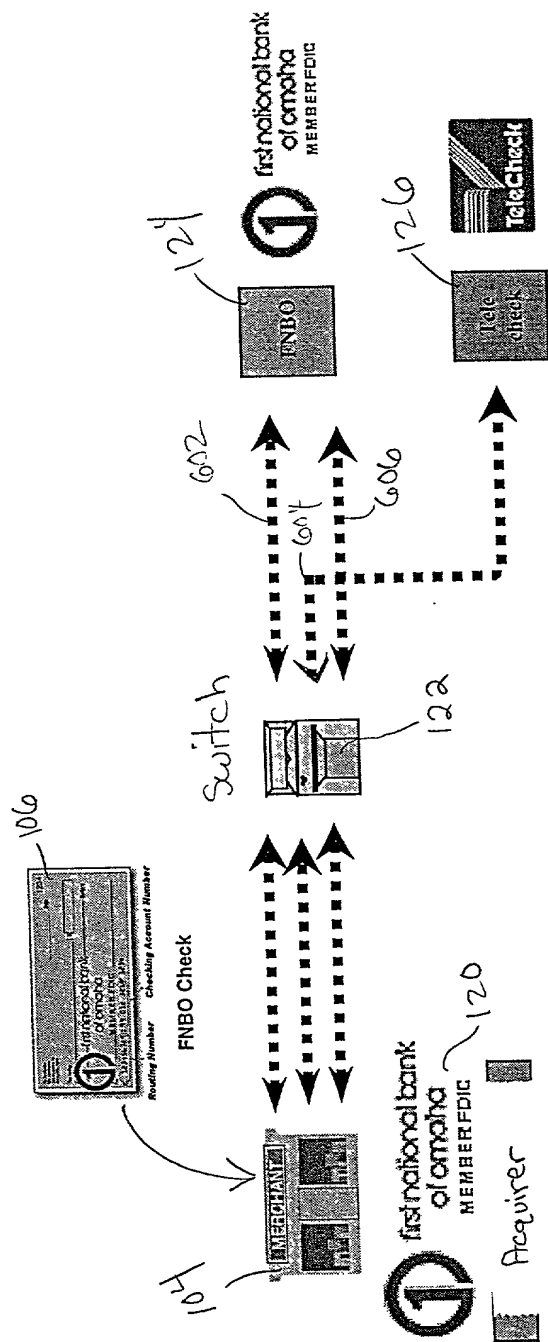
[illegible]

Fig. 5

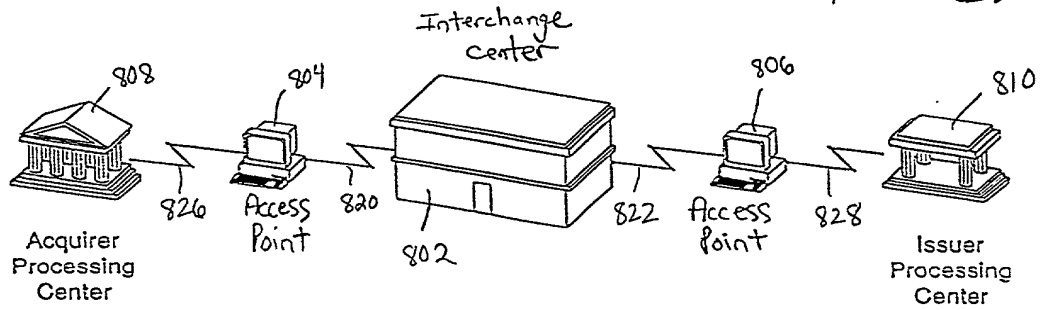
Authorization Flow

FIG. 18

Activity Report Example

REPORT ID : DSS1040D			INTEGRATED PAYMENT SYSTEM				PAGE NUMBER: 0002					
SETTLEMENT : 123456-2 FIRST BANK, INC.			INSTANTANEOUS CLEARING				SETTLEMENT DATE: 02/15/00					
SPONSOR : 123456-2 FIRST BANK, INC.			ISSUER TRANSACTION DETAIL				RUN DATE: 02/16/00					
AFFILIATE : 654321-2 FIRST FEDERAL BANKS			SETTLEMENT CURRENCY (840)									
BAT TRANSMISSION		RETRIEVAL		TRACE		REQ		REQUEST		ID OF		
NUM	DATE	TIME	CARD NUMBER	REFERENCE NUMBER	NUMBER	REQ TYPE	PROC CODE	RESP SI	AMOUNT	AMOUNT	ACQUIRER	
0	018	0215	143934	45678908000631122	004201860073	803173	0400	000000	00	93.96	.00	467890
0	018	0215	143934	45678908000631122	004604269496	269496	0100	000000	00	2.89	.00	456789
0	018	0215	144352	1234567890123456789	080046529361215			ABA #:	123456789			
0	018	0215	144423	4567890800448039	004623269682	269682	0100	000000	00	1.16	.00	465432
0	018	0215	145815	4567890800177385	000046529662108					3.15	.00	432101
0	019	0215	150628	1234567890123456787	080046538958000					14.50	.00	445566
0	019	0215	150704	4567890800138607	090046544271786			ABA #:	123456890			
0	019	0215	150704	4567890800138607	004615702515	702515	0100	000000	00	8.22	.00	456789
0	019	0215	150706	456789080043824	090046544241542					19.80	.00	456789
0	019	0215	151349	4567890800291111	00462525767	525767	0100	000000	00	3.81	.00	456789
0	019	0215	151612	4567890800119276	000046541984894					6.04	.00	456789
0	019	0215	151612	4567890800119276	004615925469	925469	0100	000000	00			
0	019	0215	151612	4567890800119276	010046549047577							

FIG. ~~18~~ 19



800 → Telecommunications Network

Interchange Center Systems

FIG. ~~21~~ 20

840 ↓

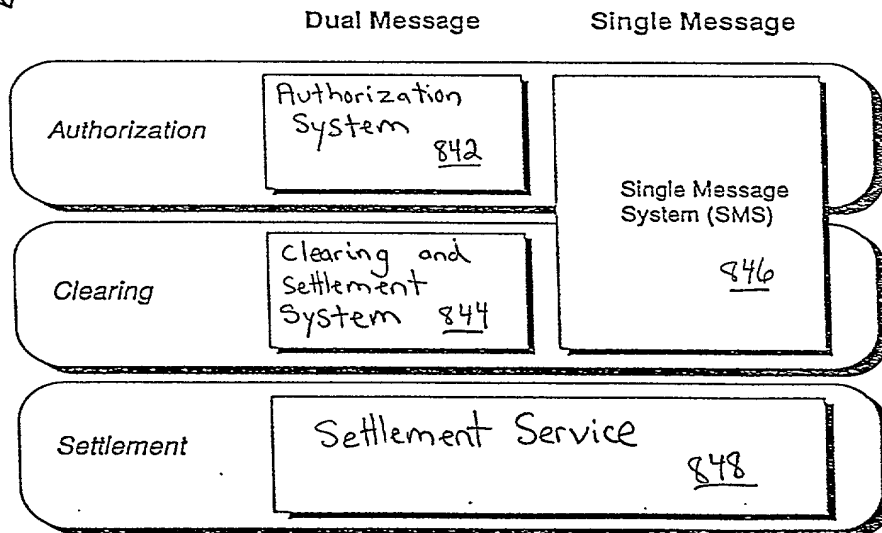


FIG. ~~20~~
21

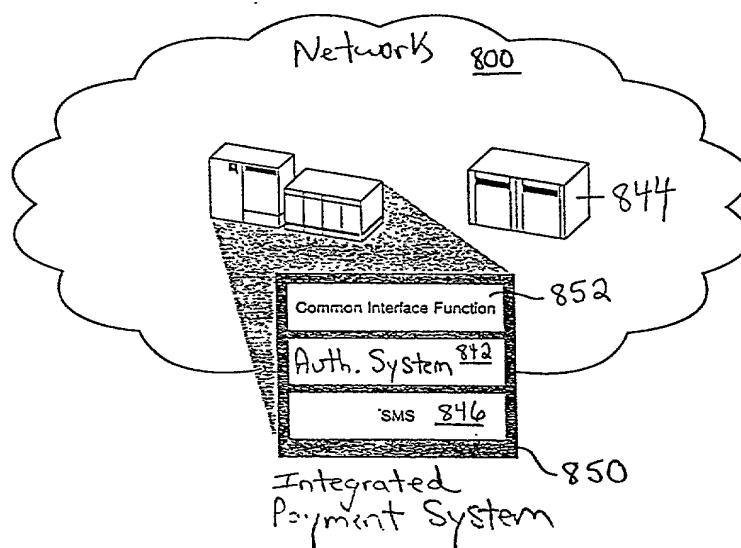


FIG. 100 is a block diagram of a system for processing transactions in accordance with the present invention. The system includes a Merchant, an Acquirer, a Switch, a Drawee Bank, and a Third Party. The Merchant is connected to the Acquirer via a network 888. The Acquirer is connected to the Switch via a network 885. The Switch is connected to the Drawee Bank via a network 886. The Switch is also connected to the Third Party via a network 887. The Merchant includes a terminal 876 and a display 890. The Acquirer includes a terminal 877, a display 878, and a database 872. The Switch includes two databases 870 and 871. The Drawee Bank includes a terminal 879, a display 880, and a database 873. The Third Party includes a terminal 881, a display 882, and a database 874.

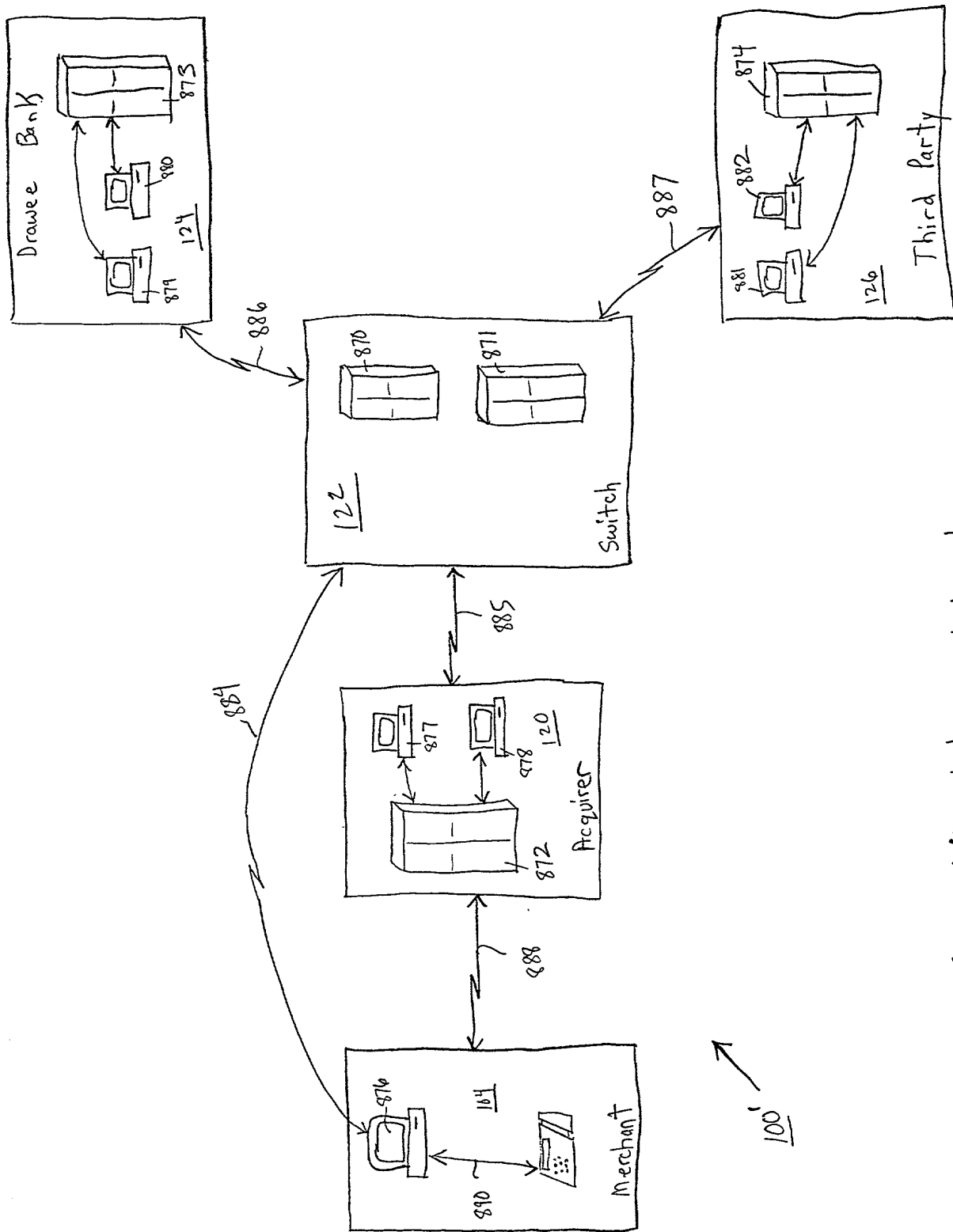


FIG. 100 Hardware Embodiment

